<u>REMARKS</u>

Claims 1-2 and 4-9 are pending in the present application. Claim 1 is the only independent claim.

In the Office Action, claims 1 and 5-9 remain rejected under 35 U.S.C. 103(a) as obvious over US 6,400,433 to Arakawa et al. ("Arakawa") in view of US 6,657,690 to Hashimoto ("Hashimoto") and further in view of US 6,773,766 to Meyer et al. ("Meyer"), claim 2 remains rejected under 35 U.S.C. 103(a) as obvious over Arakawa in view of Hashimoto and Meyer, and further in view of US 6,685,998 to Nishikawa et al. ("Nishikawa"), and claim 4 remains rejected under 35 U.S.C. 103(a) as obvious over Arakawa in view of Hashimoto and Meyer, and further in view of US 6,580483 to Suzuki et al. ("Suzuki").

It is alleged in the Office Action that there would have been a motivation to combine Arakawa and Hashimoto because Arakawa discloses "an optically compensating B-layer (element A) comprising a cholesteric liquid crystal layer" (see Office Action at page 3).

The rejections are respectfully traversed. Contrary to the assertions made in the Office Action, Arakawa fails to teach or suggest a cholesteric liquid crystal layer, so that there would have been no motivation to combine the references as alleged in the Office Action, and no combination of these references would have resulted in the presently claimed invention.

An objective of the presently claimed invention is that it is possible to optically compensate a VA mode liquid crystal cell preferably.

Thus, in the presently claimed invention, the polarizing plate with an optically

compensating function comprises (i) a polarizing layer, (ii) an optically compensating A-layer

comprising a polymer film, and (iii) an optically compensating B-layer comprising a cholesteric

liquid crystal layer, as recited in present claim 1.

More specifically, the optically compensating A-layer has 20 (nm) \leq Re \leq 300 (nm)

(formula (I)) and $1.2 \le Rth/Re$ (formula (II)), as recited in present claim 1. When these formulae

(I) and (II) are satisfied, the relationship of the refractive indices are nx > ny > nz, namely, the

layer is an optically biaxial film.

Further, the optically compensating B-layer is a cholesteric layer formed of a rod-like

liquid crystal having a specific structure and a chiral agent having a specific structure, namely,

the liquid crystal monomer of formula (10) and the chiral agent of formula (38), as recited in

present claim 1. When the optically compensating B-layer is a cholesteric layer, it has a

relationship of relationship of refractive indices of nx = ny > nz, namely, the optically

compensating B-layer is a negative C-plate.

In other words, in the presently claimed invention the polarizing plate with optically

compensation function includes (i) a polarizing plate, (ii) an optically biaxial film (optically

compensating A-layer), and (iii) a negative C-plate (optically compensating B-layer).

As indicated above, an advantage of the presently claimed invention is that it is possible

to optically compensate a VA mode liquid crystal cell preferably.

In contrast, Arakawa and Hashimoto disclose layers formed by aligning discotic liquid

crystal molecules at inclined angles with chiral agents (see, e.g., claim 1 of Arakawa and claim 2

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of Hashimoto). However, a layer formed by aligning a discotic liquid crystal molecule at an

inclined angle is not a cholesteric layer. More precisely, the layer does not have the relationship

of refractive indices of nx = ny > nz, and thus, it cannot result in a negative C-plate. Thus, a

layer formed by aligning a discotic liquid crystal molecule will not have a spiral structure even by

aligning at an inclined angle with a chiral agent.

In particular, in the Office Action, it is alleged that Arakawa suggests a cholesteric

structure because it mentions "rod-like liquid crystal molecules" at col. 12, lines 21-23 and

"chiral agent" at col. 20, lines 32-35 (see Office Action at page 7). However, the discussion of a

"chiral agent" at col. 20, lines 32-35 of Arakawa is specific to the discotic liquid crystal

molecules and not to rod-like liquid crystal molecules. Thus, Arakawa uses its chiral agent only

with the discotic liquid crystal molecules. Therefore, when Arakawa discusses the chiral agent, it

does not refer to the rod-like liquid crystal molecules.

More specifically, a layer formed by using rod-like liquid crystal molecules alone, as

disclosed in Arakawa, will make an optically compensating layer exhibiting a characteristic of

nx>ny>nz, namely, a positive A-plate, which is not a cholesteric layer. Further, a layer formed

by using discotic liquid crystal molecules and a chiral agent, as also disclosed in Arakawa, will

make a biaxial film exhibiting a characteristic of nx>ny>nz, which is also not a cholesteric layer.

Because the rod-like liquid crystal molecules of Arakawa cannot be combined with the

chiral agent of Arakawa, Arakawa does not provide any motivation to use a cholesteric liquid

crystal layer, so that there would have been no motivation to combine the references as alleged in

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the Office Action and any such combination would not have included a cholesteric liquid crystal

layer.

In summary, there would have been no motivation to combine the cited references as

alleged in the Office Action, and any combination of the cited references would not have taught

or suggested the presently claimed invention or its advantages.

In addition, both Arakawa and Hashimoto are silent regarding a laminate of an optically

biaxial film and a cholesteric layer (negative C-plate). Therefore, for this reason also, no

combination of the cited references teaches or suggests the presently claimed invention or its

advantages.

In view of the above, it is submitted that the rejections should be withdrawn.

In conclusion, the invention as presently claimed is patentable. It is believed that the

claims are in allowable condition and a notice to that effect is earnestly requested.

If there is, in the Examiner's opinion, any outstanding issue and such issue may be

resolved by means of a telephone interview, the Examiner is respectfully requested to contact the

undersigned attorney at the telephone number listed below.

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If this paper is not considered to be timely filed, the Applicants hereby petition for an appropriate extension of the response period. Please charge the fee for such extension and any other fees which may be required to our Deposit Account No. 50-2866.

Respectfully submitted,

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